

## CLAIM

1. *Lactobacillus reuteri* Probio-16 (Accession No. KCCM 10214), inhibitory of the growth of rotavirus and other pathogenic organisms.  
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2. A pharmaceutical, veterinary, or alimentary composition comprising an effective amount of probiotic *Lactobacillus reuteri* Probio-16 as defined in claim 1 and a carrier.
3. The composition of claim 2 wherein the composition is useful for changing the digestive  
10 system bacteria in mammals including humans, when fed orally.
4. The composition of claim 2 wherein the composition is useful for the prevention and treatment of diarrhea in mammals including humans, when fed orally.
- 15 5. A feedstock or food composition including an effective amount of the probiotic composition as defined in claim 2.
6. A method for reducing the incidence of or treating infectious diarrhea in mammals, including human, said method comprising enterally administering an effective amount of  
20 *Lactobacillus reuteri* Probio-16 as defined in claim 1.
7. A method for reducing the incidence of or treating infectious diarrhea in mammals, including human, said method comprising enterally administering the probiotic composition defined in claim 2 to said mammals.  
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8. A method for retarding the onset of or treating an infection caused by rotaviruses in mammals, including human, said method comprising enterally administering an effective amount of *Lactobacillus reuteri* Probio-16 as defined in claim 1.
- 30 9. A method for retarding the onset of or treating an infection caused by rotaviruses in mammals, including human, said method comprising enterally administering the probiotic composition defined in claim 2 to said mammals.